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### PATENT APPLICATION

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: A8679

Lester F. LUDWIG, et al.

Appln. No.: 10/721,343

Group Art Unit: 2152

Confirmation No.: 9965

Examiner: Dung C. Dinh

Filed: November 26, 2003

For: METHOD FOR REAL-TIME COMMUNICATIONS BETWEEN PLURAL USERS

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98

MIAIL STOP AMENDMENT

09/28/2006 MBERHE 00000106 10721343

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed (without a Statement Under 37 C.F.R § 1.97(e)) after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore a check for the fee of \$180.00 under 37 C.F.R. § 1.17(p) is attached.

INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 10/721,343

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for

foreign language documents, Applicant submits English language Abstracts as a concise

statement of relevance for Japanese Patent Publication Nos. 62-091045, 1-318136, 2-002441,

2-089482, 5-014525, 6-086276 and WO 91/03116.

The submission of the listed documents is not intended as an admission that any such

document constitutes prior art against the claims of the present application. Applicant does not

waive any right to take any action that would be appropriate to antedate or otherwise remove any

listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue

Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any

overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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Date: September 27, 2006

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Sheet

## INFORMATION DISCLOSURE CITATION

PTO-1449

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Application Number	10/721,343		
Filing Date	Nov. 26, 2003		
First Named Inventor	Ludwig, Lester		
Art Unit	2153		
Examiner Name	Dinh, Dung		
Attorney Docket Number	063330-5009-US		
Attorney Docket Number	063330-5009-08		

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Examiner	Cite	Document	Publication Date	Name of Patentee or Applicant of Cited	Class	Subclass		
Initials	Country Code" -		MM-DD-YYYY	Document	Ciass	Subclass	Yes	No
		Code <sup>4</sup> (if known)						
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#### Complete If Known INFORMATION DISCLOSURE 10/721,343 **Application Number** Nov. 26, 2003 Filing Date CITATION Ludwig, Lester First Named Inventor 2153 PTO-1449 Art Unit Dinh, Dung Examiner Name 063330-5009-US 4 **Attorney Docket Number** 2 of Sheet Sep., 1993 EP 561133 EP 574138 Dec., 1993 JP 62091045 Apr., 1987 Dec., 1989 JP 1318136 JP 2002441 Jan., 1990 Mar., 1990 JP 2089482 Jan., 1993 JP 5014525 JP 6086276 Mar., 1994 WO 9103116 Mar., 1991 Jul., 1992 WO 9212583 WO 9307703 Apr., 1993 WO 9120149 Dec., 1991 OTHER NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, Cite Examiner journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Initials Belville, Sharon, "Zephyr on Athena," Massachusetts Institute of Technology, ver. 3, Sept. 10, 1991. Boll, et al., "Suppression of Acoustic Noise in Speech Using Two Microphone Adaptive Noise Cancellation," IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. ASSP-28, No. 6, Dec. 1980. Cheng, et al., "A model for secure distributed computations in a heterogeneous environment," Proc. Of the Aerospace Computer Security Applications Conference, Orlando, Dec. 12-16, 1988, Washington, IEEE Comp., Soc. Press, US, vol. Conf. 4, p. 233-241. Chu, P.L., PictureTel Corporation, "Audio Compression and Echo Cancellation for Low Bit Rate Video Teleconferencing", Applications of Signal Process to Audio and Acoustics, Oct. 1991. Crowley et al., "MMConf: An Infrastructure for Building Shared Multimedia Applications." CSCW 90 Proceedings, Oct. 1990. DellaFera, et al. "The Zephyr Notification System," Proceedings of the USENIX Winter Conference, 1988. Edwards, W. Keith, "The Design and Implementation of the MONTAGE Multimedia Mail System," Communication Software, IEEE TRICOMM '91 Proceeding (Apr. 1991).\* Elrod, S. et al. "Liveboard: A Large Interactive Display Supporting Group meetings, Presentations and Remote Collaboration" CHI '92 (May 3-7, 1992), 1992 ACM at 599-607. Ensor, J.R., et al., "Control Issues in Multimedia Conferencing," IEEE, CH2955-3/91/0000-0133, 1991. Fitzpatrick, et al., "Smart Icons for Address Book Detailed View Entries," IBM Technical Disclosure Bulletin, Dec. 1992. Furner, et al., "An ISDN Multipoint Teleconferencing Environment", IEEE Journal on Selected

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CITATION PTO-1449		Filing Date	Nov. 26, 2003		
		First Named Inventor	Ludwig, Lester		
		Art Unit	2153		
		Examiner Name	Dinh, Dung		
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